

ABSTRACT OF THE DISCLOSURE

A vehicle leveling system including at least one level sensor, a controller and an output. The sensor measures how level the vehicle is relative to horizontal. Optionally, it does so dynamically, as the vehicle moves across a potential parking area. The controller analyzes the sensor measurements, and informs the operator via the output whether the vehicle is level in a given direction, whether the vehicle is leveling, whether the vehicle can be leveled at a given location, and/or the “best” leveling that the system is capable of at a location. The system also may automatically level the vehicle relative to the ground for the operator. In one embodiment, the leveling system communicates with an existing vehicle electronic height control system. The leveling system overrides or controls the normal operation of this system, and uses it to level the vehicle, for example, by adjusting the vehicle suspension.

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